

Notice of Allowability

Application No.

09/736,210

Examiner

Adnan M. Mirza

Applicant(s)

AMBROSE, BARRY E.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/16/2007.
2. ☒ The allowed claim(s) is/are 1-6, 9-16 and 19-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JASON CARDONE
SUPERVISORY PATENT EXAMINER

Reason's for Allowance

1. Claims 1-6,9-16,19-24 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The prior art references most closely resembling the Applicant's claimed invention are Tsuji et al (U.S. 6,397,258) and Naegeli et al (U.S. 6,574,797).

First, Tsuji disclosed a file system capable of performing bandwidth setting is realized. Further, a bandwidth assuring function and perfetching function and a prefetching are added there to a bandwidth setting function, thereby realizing a real-time remote filing system. However Tsuji failed to disclose wherein the step of determining a delay determines the delay based on at least a data packet size, bandwidth, and number of sessions, and wherein the step of determining a delay determines the delay from a formula of : $D=1000 (1/ (B * 1000000)) * P*8*S$ where D is the delay in milliseconds, B is a bandwidth in megabits per second, P is a data packet size in bytes, and S is a maximum number of sessions. These limitations are incorporated into all of the independent claims (claims 1,11).

Second, Naegeli did disclose apparatus, methods, and computer program products for utilizing a frequency channel determined to be unacceptably noisy by finding a cleaner, narrow bandwidth within the frequency channel. However Naegeli did not overcome wherein the step of determining a delay determines the delay based on at least a data packet size, bandwidth, and

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number of sessions, and wherein the step of determining a delay determines the delay from a formula of : $D=1000 (1/ (B * 1000000)) * P*8*S$ where D is the delay in milliseconds, B is a bandwidth in megabits per second, P is a data packet size in bytes, and S is a maximum number of sessions. These limitations are incorporated into all of the independent claims (claims 1,11).

In summary, the Examiner submits that there is no motivation to combine the aforementioned references; therefore claims 1-6,9-16,19-24) have been deemed allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement for Reasons for Allowance"

The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for un published

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applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



JASON CARDONE
SUPERVISORY PATENT EXAMINER